AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for transmitting a signal in a logical split mode in a CDMA (Code Division Multiple Access) mobile communication system including a UE (User Equipment), a ~~first~~ Node B for transmitting data on a dedicated channel (DCH) and packet data on a downlink shared channel (DSCH) to the UE, a first RNC (Radio Network Controller) for transmitting the data to the ~~first~~ Node B, and a second RNC for transmitting the packet data received from the first RNC to the Node B, ~~a second Node B adjacent to the first Node B, and a second RNC for receiving the data from the first RNC and packet data to be transmitted over a downlink shared channel (DSCH), transmitting the data over the DCH to the UE through the second Node B, scheduling the packet data to be transmitted over the DSCH, and transmitting to the second Node B transport format combination indicator (TFCI) information indicating a transport format of the packet data to be transmitted over the DSCH and TFCI information indicating a transport format of the data transmitted over the DCH,~~ the method comprising the steps of:

generating and transmitting scheduling information including transport format combination indicator (TFCI) information for the packet data from the second RNC to the first RNC using frame protocol upon receipt of the packet data;

transmitting the TFCI information of the packet data from the first RNC to ~~the first and second~~ the Node B upon receipt of the scheduling information; and

transmitting the packet data from the second RNC to the ~~first and second~~ Node B after the transmission of the TFCI information.

2. (Currently Amended) A method for transmitting a ~~TFCI for a DSCH and a TFCI for a~~ DCH data in an asynchronous CDMA mobile communication system including a UE User Equipment), a serving RNC and a drift RNC corresponding to the UE, comprising the steps of:

transmitting DSCH data from an SRNC (Serving RNC) to a DRNC (Drift RNC);

generating a first TFCI information about a DSCH by the DRNC;

transmitting scheduling information including the generated first TFCI information from the DRNC to the SRNC using frame protocol;

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~~generating and transmitting scheduling information of the DSCH data scheduled by the DRNC, and the corresponding TFCI information to the SRNC using frame protocol;~~

transmitting the <u>first</u> TFCI information ~~of the DSCH data~~ from the SRNC to the Node Bs <u>by the scheduling information</u>; and

transmitting the DSCH data ~~of the DRNC transmitted~~ from the SRNC to the Node Bs after transmission of the TFCI <u>by the scheduling information</u>.

3. (Currently Amended) An apparatus for transmitting a signal in a logical split mode in a CDMA mobile communication system including a UE, the apparatus comprising:

a ~~first~~ Node B for transmitting data on a dedicated channel (DCH) <u>and packet data on a downlink shared channel (DSCH)</u> to the UE, a first RNC for transmitting the data to the ~~first~~ Node B, ~~a second Node B adjacent to the first Node B,~~ and a second RNC for ~~receiving~~ <u>transmitting</u> the <u>packet</u> data <u>received</u> from the first RNC <u>to the Node B</u> ~~and packet data to be transmitted over a downlink shared channel (DSCH), transmitting the data over the DCH to the UE through the second Node B, scheduling the packet data to be transmitted over the DSCH, and transmitting to the second Node B TFCI information indicating a transport format of the packet data to be transmitted over the DSCH and TFCI information indicating a transport format of the data transmitted over the DCH~~;

the second RNC, upon receipt of the packet data, transmitting scheduling information including TFCI information for the packet data to the first RNC ~~to the second Node B~~ using frame protocol, and transmitting the packet data to the ~~first and second~~ Node Bs after transmission of the TFCI information ~~from~~ <u>to</u> the ~~first~~ Node B; and

the first RNC, upon receipt of the scheduling information, transmitting the TFCI information of the packet data to the ~~first and second~~ Node B <u>by the scheduling information</u>.

4. (New) The method of claim 2, further comprising the step of:

generating a second TFCI information about a DCH by the SRNC; and

transmitting a DPDCH data and the second TFCI information from the SRNC to the Node B.